

ABSTRACT AMENDMENTS

Replace the Abstract with:

ABSTRACT OF THE DISCLOSURE

B 2) A solid state laser excited by a semiconductor laser ~~is provided which~~ can generate a stable and highly efficient high power laser beam. The laser apparatus includes a solid state laser element containing an active medium, a semiconductor laser for optically exciting the solid state laser element, a power supply for supplying ~~electric power~~ pulses of current having magnitudes that change with time during each pulse to the semiconductor laser, and an optical resonator for emission of a laser beam from the ~~optically excited~~ solid state laser element. When the semiconductor laser is ~~pulsed to excite~~ driven with the pulses that change in magnitude during each pulse, it produces pulsed excitation light that excites the solid state laser element, ~~current supplied to the semiconductor laser is changed within a single pulse~~. A stable laser beam is produced because changes in thermally sensitive light-generating parameters of the semiconductor laser are compensated.
